

## EAST Search History

| Ref # | Hits | Search Query   | DBs                                 | Default Operator | Plurals | Time Stamp          |
|-------|------|--|-------------------------------------|------------------|---------|---------------------|
| L1    | 1    | 10/848933  | US-PGPUB;<br>USPAT; JPO;<br>IBM_TDB | OR               | OFF     | 2008/10/24<br>08:48 |
| S1    | 1    | "6628738".pn.  | US-PGPUB;<br>USPAT; JPO;<br>IBM_TDB | OR               | OFF     | 2007/05/04<br>11:27 |
| S2    | 1    | 10/848933  | US-PGPUB;<br>USPAT; JPO;<br>IBM_TDB | OR               | OFF     | 2007/05/04<br>11:14 |
| S3    | 38   | 375/260.ccls. and<br>(pilot with track\$5)<br>and (data with track<br>\$5)             | US-PGPUB;<br>USPAT; JPO;<br>IBM_TDB | OR               | OFF     | 2007/05/04<br>11:15 |
| S4    | 0    | 375/260.ccls. and<br>(pilot near track\$5)<br>and (minimum adj<br>square\$5 adj error) | US-PGPUB;<br>USPAT; JPO;<br>IBM_TDB | OR               | OFF     | 2007/10/18<br>15:16 |
| S5    | 0    | 375/260.ccls. and<br>(pilot near track\$5)<br>and (minimum adj<br>square\$5 adj error) | US-PGPUB;<br>USPAT; JPO;<br>IBM_TDB | OR               | OFF     | 2007/05/10<br>16:13 |
| S6    | 0    | 375/260.ccls. and<br>(phase near track\$5)<br>and (minimum adj<br>square\$5 adj error) | US-PGPUB;<br>USPAT; JPO;<br>IBM_TDB | OR               | OFF     | 2007/05/04<br>11:28 |
| S7    | 7    | 375/260.ccls. and<br>(minimum adj square\$5<br>adj error)                              | US-PGPUB;<br>USPAT; JPO;<br>IBM_TDB | OR               | OFF     | 2007/05/04<br>11:29 |
| S8    | 10   | 375/267.ccls. and<br>(minimum adj square\$5<br>adj error)                              | US-PGPUB;<br>USPAT; JPO;<br>IBM_TDB | OR               | OFF     | 2007/05/04<br>14:02 |
| S9    | 2    | 375/267.ccls. and<br>(switch) same STTD  | US-PGPUB;<br>USPAT; JPO;<br>IBM_TDB | OR               | OFF     | 2007/05/04<br>14:04 |
| S10   | 3    | 375/347.ccls. and<br>(switch) same STTD  | US-PGPUB;<br>USPAT; JPO;<br>IBM_TDB | OR               | OFF     | 2007/05/04<br>14:04 |
| S11   | 13   | 375/347.ccls. and<br>(identif\$6 with<br>(transmit\$3 near<br>antenna))                | US-PGPUB;<br>USPAT; JPO;<br>IBM_TDB | OR               | OFF     | 2007/05/04<br>14:05 |

|     |    |   |                               |    |     |                  |
|-----|----|---|-------------------------------|----|-----|------------------|
| S12 | 1  | 375/260.ccls. and (pilot near track\$5) and (data near track \$7)               | US-PGPUB; USPAT; JPO; IBM_TDB | OR | OFF | 2007/05/10 16:14 |
| S13 | 4  | 10/263415   | US-PGPUB; USPAT; JPO; IBM_TDB | OR | OFF | 2007/05/10 16:02 |
| S14 | 0  | 375/260.ccls. and (pilot near track\$5) and (remodulat\$5)                      | US-PGPUB; USPAT; JPO; IBM_TDB | OR | OFF | 2007/05/10 16:14 |
| S15 | 0  | "375"/\$.ccls. and (pilot near track\$5) and (remodulat\$5)                     | US-PGPUB; USPAT; JPO; IBM_TDB | OR | OFF | 2007/05/10 16:14 |
| S16 | 6  | 375/260.ccls. and (pilot near track\$5) and (frequency near track\$6)           | US-PGPUB; USPAT; JPO; IBM_TDB | OR | OFF | 2007/05/10 16:20 |
| S17 | 11 | "375"/\$.ccls. and FFT and (pilot near track \$5) and (frequency near track\$6) | US-PGPUB; USPAT; JPO; IBM_TDB | OR | OFF | 2007/05/10 16:17 |
| S18 | 15 | 375/260.ccls. and (remodulat\$6)  | US-PGPUB; USPAT; JPO; IBM_TDB | OR | OFF | 2007/05/10 16:25 |
| S19 | 9  | 375/260.ccls. and pilot and (remodulat\$6)                                      | US-PGPUB; USPAT; JPO; IBM_TDB | OR | OFF | 2007/05/10 16:32 |
| S20 | 0  | "375"/\$.ccls. and (pilot near track\$6) and remodulat\$7                       | US-PGPUB; USPAT; JPO; IBM_TDB | OR | OFF | 2007/05/10 16:32 |
| S21 | 0  | "370"/\$.ccls. and (pilot near track\$6) and remodulat\$7                       | US-PGPUB; USPAT; JPO; IBM_TDB | OR | OFF | 2007/05/10 16:33 |
| S22 | 0  | (pilot near track\$6) and remodulat\$7  | US-PGPUB; USPAT; JPO; IBM_TDB | OR | OFF | 2007/05/10 16:33 |
| S23 | 7  | (pilot ) and remodulat \$7 and (frequency adj correct\$5)                       | US-PGPUB; USPAT; JPO; IBM_TDB | OR | OFF | 2007/05/10 16:33 |
| S24 | 2  | "20020101840"   | US-PGPUB; USPAT; JPO; IBM_TDB | OR | OFF | 2007/05/11 14:30 |
| S25 | 0  | "375"/\$.ccls. and (preliminary adj boundary adj estimat \$7)                   | US-PGPUB; USPAT; JPO; IBM_TDB | OR | OFF | 2007/05/11 14:31 |

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|-----|----|--|-------------------------------|----|-----|------------------|
| S26 | 0  | "375"/\$.ccls. and (preliminary adj symbol adj boundary )    | US-PGPUB; USPAT; JPO; IBM_TDB | OR | OFF | 2007/05/11 14:31 |
| S27 | 0  | "370"/\$.ccls. and (preliminary adj symbol adj boundary )    | US-PGPUB; USPAT; JPO; IBM_TDB | OR | OFF | 2007/05/11 14:31 |
| S28 | 0  | "370"/\$.ccls. and (coarse adj symbol adj boundary )         | US-PGPUB; USPAT; JPO; IBM_TDB | OR | OFF | 2007/05/11 14:31 |
| S29 | 0  | "375"/\$.ccls. and (coarse adj symbol adj boundary )         | US-PGPUB; USPAT; JPO; IBM_TDB | OR | OFF | 2007/05/11 14:32 |
| S30 | 7  | "375"/\$.ccls. and (coarse with (symbol adj boundary) )      | US-PGPUB; USPAT; JPO; IBM_TDB | OR | OFF | 2007/05/11 14:34 |
| S31 | 0  | "375"/\$.ccls. and (preliminary with (symbol adj boundary) ) | US-PGPUB; USPAT; JPO; IBM_TDB | OR | OFF | 2007/05/11 14:34 |
| S32 | 0  | (preliminary with (symbol adj boundary) )                    | US-PGPUB; USPAT; JPO; IBM_TDB | OR | OFF | 2007/05/11 15:27 |
| S33 | 0  | "10848933"   | US-PGPUB; USPAT; JPO; IBM_TDB | OR | OFF | 2007/05/11 15:28 |
| S34 | 1  | "10/848933"  | US-PGPUB; USPAT; JPO; IBM_TDB | OR | OFF | 2007/05/11 15:37 |
| S35 | 1  | "6628738".pn.  | US-PGPUB; USPAT; JPO; IBM_TDB | OR | OFF | 2007/05/11 15:38 |
| S36 | 0  | 375/260.ccls. and (pilt near track\$5) and (remodulat\$5)    | US-PGPUB; USPAT; JPO; IBM_TDB | OR | OFF | 2007/10/17 10:19 |
| S37 | 0  | 375/260.ccls. and (pilot near track\$5) and (remodulat\$5)   | US-PGPUB; USPAT; JPO; IBM_TDB | OR | OFF | 2007/10/17 10:20 |
| S38 | 11 | 375/260.ccls. and (pilot ) and (remodulat \$5)               | US-PGPUB; USPAT; JPO; IBM_TDB | OR | OFF | 2007/10/17 10:25 |
| S39 | 3  | 375/260.ccls. and (pilot with phase) and (remodulat\$5)      | US-PGPUB; USPAT; JPO; IBM_TDB | OR | OFF | 2007/10/17 10:28 |
| S40 | 20 | 375/260.ccls. and (remodulat\$5)                             | US-PGPUB; USPAT; JPO; IBM_TDB | OR | OFF | 2007/10/17 10:28 |

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|-----|----|--|-------------------------------|----|-----|------------------|
| S41 | 2  | 375/260.ccls. and (phase near track\$6) and (remodulat\$5)                 | US-PGPUB; USPAT; JPO; IBM_TDB | OR | OFF | 2007/10/17 10:28 |
| S42 | 3  | 375/260.ccls. and (phase with frequency with track\$6) and (remodulat\$5)  | US-PGPUB; USPAT; JPO; IBM_TDB | OR | OFF | 2007/10/17 10:30 |
| S43 | 1  | 10/848933  | US-PGPUB; USPAT; JPO; IBM_TDB | OR | OFF | 2007/10/17 10:30 |
| S44 | 1  | 10/848933  | US-PGPUB; USPAT; JPO; IBM_TDB | OR | OFF | 2007/10/18 11:28 |
| S45 | 15 | 375/260.ccls. and (pilot same preamble same (cyclic adj prefix))           | US-PGPUB; USPAT; JPO; IBM_TDB | OR | OFF | 2007/10/18 11:32 |
| S46 | 0  | "10849218"   | US-PGPUB; USPAT; JPO; IBM_TDB | OR | OFF | 2007/10/18 11:33 |
| S47 | 1  | "10/849218"  | US-PGPUB; USPAT; JPO; IBM_TDB | OR | OFF | 2007/10/18 14:55 |
| S48 | 1  | "10/751120"  | US-PGPUB; USPAT; JPO; IBM_TDB | OR | OFF | 2007/10/18 14:56 |
| S49 | 1  | 375/260.ccls. and (pilot with frequency with track\$5) and (remodulat\$6)  | US-PGPUB; USPAT; JPO; IBM_TDB | OR | OFF | 2007/10/18 15:17 |
| S50 | 2  | "375"/\$.ccls. and (pilot with frequency with track\$5) and (remodulat\$6) | US-PGPUB; USPAT; JPO; IBM_TDB | OR | OFF | 2007/10/18 15:17 |
| S51 | 17 | (pilot with frequency with track\$5) and (remodulat\$6)                    | US-PGPUB; USPAT; JPO; IBM_TDB | OR | OFF | 2007/10/18 15:22 |
| S52 | 2  | "20020101840"  | US-PGPUB; USPAT; JPO; IBM_TDB | OR | OFF | 2007/10/18 15:23 |

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|-----|----|---|-------------------------------|----|-----|------------------|
| S53 | 13 | ("20020054611"   "5257404"   "5959965"   "6028900"   "6031828"   "6298048"   "6373861"   "6473453"   "6590881"   "6735454"   "6754170"   "6876672"   "6961393").PN. | US-PGPUB; USPAT; USOCR        | OR | OFF | 2007/10/18 15:31 |
| S54 | 2  | "20020101840"   | US-PGPUB; USPAT; USOCR        | OR | OFF | 2007/10/18 15:31 |
| S55 | 5  | 2002/0101840  | US-PGPUB; USPAT; JPO; IBM_TDB | OR | OFF | 2007/10/19 09:09 |
| S56 | 2  | "20020101840"   | US-PGPUB; USPAT; JPO; IBM_TDB | OR | OFF | 2007/10/19 09:09 |
| S57 | 10 | 375/260.ccls. and (data with phase with frequency adj track\$7)   | US-PGPUB; USPAT; JPO; IBM_TDB | OR | OFF | 2008/04/09 15:42 |
| S58 | 1  | "20050117667"   | US-PGPUB; USPAT; JPO; IBM_TDB | OR | OFF | 2008/04/09 15:46 |
| S59 | 30 | 375/260.ccls. and (pilot with phase with frequency with track \$8)  | US-PGPUB; USPAT; JPO; IBM_TDB | OR | OFF | 2008/04/09 15:51 |
| S60 | 1  | 375/260.ccls. and (pilot near2 (phase adj frequency adj track \$8))   | US-PGPUB; USPAT; JPO; IBM_TDB | OR | OFF | 2008/04/09 15:53 |
| S61 | 1  | 375/260.ccls. and (pilot with (phase adj frequency adj track \$8)) and (data with (phase adj frequency adj track\$8))   | US-PGPUB; USPAT; JPO; IBM_TDB | OR | OFF | 2008/04/09 15:54 |
| S62 | 1  | "375"/\$.ccls. and (pilot with (phase adj frequency adj track \$8)) and (data with (phase adj frequency adj track\$8))  | US-PGPUB; USPAT; JPO; IBM_TDB | OR | OFF | 2008/04/09 15:54 |

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|-----|-----|--|-------------------------------|----|-----|------------------|
| S63 | 40  | "375"/\$.ccls. and (pilot with (phase adj track \$8)) and (data with (phase adj track\$8)) | US-PGPUB; USPAT; JPO; IBM_TDB | OR | OFF | 2008/04/09 15:55 |
| S64 | 4   | "375"/\$.ccls. and ((data adj aided) with (phase adj track\$8))                            | US-PGPUB; USPAT; JPO; IBM_TDB | OR | OFF | 2008/04/09 15:59 |
| S65 | 1   | 10/848933  | US-PGPUB; USPAT; JPO; IBM_TDB | OR | OFF | 2008/04/09 16:01 |
| S66 | 375 | (pilot near2 track\$8) and (data near2 track \$8)  | US-PGPUB; USPAT; JPO; IBM_TDB | OR | OFF | 2008/04/09 16:02 |
| S67 | 112 | (pilot near track\$8) and (data near track \$8)  | US-PGPUB; USPAT; JPO; IBM_TDB | OR | OFF | 2008/04/09 16:02 |
| S68 | 1   | (pilot near based near track\$8) and (data near based near track \$8)                      | US-PGPUB; USPAT; JPO; IBM_TDB | OR | OFF | 2008/04/09 16:04 |
| S69 | 0   | (pilot near2 track\$8) and (data-aided with track\$8)                                      | US-PGPUB; USPAT; JPO; IBM_TDB | OR | OFF | 2008/04/09 16:04 |
| S70 | 1   | (pilot-based tracking) and (data-based adj tracking)                                       | US-PGPUB; USPAT; JPO; IBM_TDB | OR | OFF | 2008/04/09 16:06 |
| S71 | 1   | "375"/260.ccls. and (pilot with (phase adj frequency adj track \$8)) and (remodulat \$8)   | US-PGPUB; USPAT; JPO; IBM_TDB | OR | OFF | 2008/04/09 16:07 |
| S72 | 1   | "375"/260.ccls. and ( (phase adj frequency adj track\$8)) and (remodulat\$8)               | US-PGPUB; USPAT; JPO; IBM_TDB | OR | OFF | 2008/04/09 16:07 |
| S73 | 2   | "375"/260.ccls. and ( (phase near2 frequency near2 track \$8)) and (remodulat \$8)         | US-PGPUB; USPAT; JPO; IBM_TDB | OR | OFF | 2008/04/09 16:08 |
| S74 | 1   | "375"/260.ccls. and ( pilot near2 track\$8) and (remodulat\$8)                             | US-PGPUB; USPAT; JPO; IBM_TDB | OR | OFF | 2008/04/09 16:08 |
| S75 | 28  | "375"/260.ccls. and (remodulat\$8)   | US-PGPUB; USPAT; JPO; IBM_TDB | OR | OFF | 2008/04/09 16:08 |

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|-----|----|--|-------------------------------|----|-----|------------------|
| S76 | 17 | "375"/260.ccls. and pilot and (remodulat \$8)                    | US-PGPUB; USPAT; JPO; IBM_TDB | OR | OFF | 2008/04/09 16:11 |
| S77 | 9  | "375"/260.ccls. and pilot and (data near2 phase near estimat\$8) | US-PGPUB; USPAT; JPO; IBM_TDB | OR | OFF | 2008/04/09 16:13 |
| S78 | 92 | 375/260.ccls. and (pilot with preamble)                          | US-PGPUB; USPAT; JPO; IBM_TDB | OR | OFF | 2008/04/10 15:50 |
| S79 | 1  | 11/108689  | US-PGPUB; USPAT; JPO; IBM_TDB | OR | OFF | 2008/04/10 16:12 |
| S80 | 0  | 10/336103  | US-PGPUB; USPAT; JPO; IBM_TDB | OR | OFF | 2008/04/11 08:02 |
| S81 | 1  | "10336103"   | US-PGPUB; USPAT; JPO; IBM_TDB | OR | OFF | 2008/04/11 08:03 |
| S82 | 2  | "20020101840"  | US-PGPUB; USPAT; JPO; IBM_TDB | OR | OFF | 2008/04/11 10:51 |
| S83 | 2  | 10/751120  | US-PGPUB; USPAT; JPO; IBM_TDB | OR | OFF | 2008/04/11 14:38 |
| S84 | 2  | 10/751120  | US-PGPUB; USPAT; JPO; IBM_TDB | OR | OFF | 2008/04/12 08:57 |
| S85 | 1  | 10/848933  | US-PGPUB; USPAT; JPO; IBM_TDB | OR | OFF | 2008/10/17 13:27 |
| S86 | 2  | "20040170227"  | US-PGPUB; USPAT; JPO; IBM_TDB | OR | OFF | 2008/10/17 13:29 |
| S87 | 1  | 10/848933  | US-PGPUB; USPAT; JPO; IBM_TDB | OR | OFF | 2008/10/22 16:13 |

10/24/2008 10:10:22 AM

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